



# ANCHORAGE AMATEUR RADIO CLUB

PRESIDENT: DANIEL STEVENS-KL7WM 274-3051  
\*\*\*NOVEMBER 1984\*\*\*

## EVENTS

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- 11/2 GENERAL MEMBERSHIP MEETING...7PM AT THE UAA  
CONSORTIUM LIBRARY BUILDING, ROOM 215. SPECIAL  
GUEST STAR...AL7BB, BILL CAPERS TALKIN' ABOUT  
COMPUTERS. (YEAH!!! 'JGU)
- 11/21 AARC BOARD OF DIRECTORS MEETING...7PM AT THE  
NORTHWAY MALL.
- 11/22 THANKSGIVING DAY
- 11/30 COMBINATION GENERAL MEETING/CHRISTMAS PARTY...6PM.  
IF YOU WANT DETAILS, SUCH AS WHAT YOU SHOULD BRING  
FOR THE POTLUCK, PLEASE SEE INSIDE THIS ISSUE.  
PEOPLE ARE NEEDED TO COOK A COUPLE TURKEYS AND  
HAMS, PLEASE CALL MARY-NL7DM.

## Christmas Party

The Christmas Party is December 0 (November 30) at Viking Hall, 8141  
Briarwood ( near New Seward and Dimond ) from 6 to 12 Midnite. We are using  
the same food schedule that was used at Field Day, so please follow:

Novice and Extra Class---butter, rolls, chips, pickles, etc.  
Technician Class---salads  
General Class---dishes, casseroles  
Advanced Class---desserts  
No license---any of the above

Turkeys and hams will be provided by the club. If you can cook one, please  
call Mary-NL7DM. People are also needed to help decorate the hall.

Jay Jennings-KL7JGU will be providing the entertainment with help from his  
mommy, Bonnie-NL7DF, and his little sister, Ellie-NL7???. They will be  
presenting a show using magic, puppets, and ventriloquism. Jay said this  
year he is not letting anybody tie him up, but he may chop somebody in  
pieces. Sounds like a fair trade to me.

"The Voice of the Anchorage ARC" is published monthly by the AARC  
to further the cause of amateur radio as a hobby and public service.  
Subscription is available through membership in the AARC. Articles  
and photos are encouraged (and sometimes begged for) from all  
readers. Permission to reprint is granted with proper credits. SK

EDITOR: JAY JENNINGS-KL7JGU 243-1146  
P.O. BOX 104022  
ANCHORAGE, AK 99510



# From the Top of the Tower

THIS ARTICAL IS GOING TO BE SHORT. I HAVE STARTED CLASSES AGAIN. I ALSO HAVE BEEN QUITE BUSY BEENING THE ONLY ONE IN THE OFFICE AT WORK. THERE ARE SEVERAL THINGS I NEED TO SAY.

THE SIMUNATED EMERGENCY TEST WENT WELL. I DON'T KNOW HOW WE COMPARE WITH LAST YEAR SINCE I WAS UNABLE TO GET THE INFORMATION BY THE TIME I WROTE THIS ARTICAL. WE HAD SIXTY-FIVE (65) CHECK-INS AND TOTALED POINTS EARNED WAS THREE HUNDRED AND FIFTY-SIS (356). THE CHECK-INS WITH THE SCHOOLS DID NOT GET SET UP, BUT WE DID CHECK SIMPLEX COMMUNICATION PATHS FROM THE SCHOOLS. MARTHA NEELEY, KL7QS, WHO IS THE ARRL SECTION EMERGENCY COORDINATOR, THANKS EVERYONE WHO PARTICIPATED IN THE SET, ESPECIALLY ERV EDGE, AL7CN, WHO IS THE EMERGENCY COORDINATOR FOR ANCHORAGE.

THE MANAGEMENT OF THE CLUB LOCKER HAS CHANGED HANDS. THE PERSON WHO WAS IN CHARGE WAS A HAM AND IS BEENING TRANSFERED TO THE EAST COAST. SINCE THE BUILDING IS IN ILL REPAIR AND IT IS NOT KNOWN IF IT WILL BE REPAIRED OR REMOVED THERE IS A NEW PROCEDURE TO GET ACCESS TO THE LOCKER. IT IS BEST TO CONTACT DANIEL STEVENS, KL7WM, SO I CAN ASSIST YOU. WE HAVE BEEN ASKED TO PROVIDE A LIST OF PEOPLE WHO NEED ACCESS, AND TO BE ESCORTED INTO THE BUILDING. THEIR CONCERN IS SERCURITY AND SAFETY. WITH THINGS LIKE A HOLE IN THE FLOOR, AND POOR LIGHTING SOMEONE MIGHT TWIST AN ANKLE. IF YOU NEED ON THE LIST PLEASE CONTACT ME AND I CAN GET YOU ON THE LIST AND TELL YOU WHO TO CONTACT. IT IS WISE TO KEEP YOUR EYES OPEN FOR CHEAP STORAGE SPACE SINCE WE MAY HAVE TO FIND ANOTHER LOCATION. THE PRICE NOW IS RIGHT SO WE WANT TO WORK WITH THE NEW MANAGEMENT, BUT WE MAY HAVE TO MOVE.

I WANT TO REMIND EVERY ONE OF THE CHRISTMAS PARTY/CLUB MEETING BECAUSE OF LEAP YEAR THE DECEMBER MEETING WILL BE ON DECEMBER ZERO. WE COMMONLY CALL THIS DATE NOVEMBER 30th, THE LAST FRIDAY IN NOVEMBER. LAST YEAR'S PARTY WAS A BIG SUCCESS, SO LET'S ALL GET BEHIND THE CLUB AND MAKE THIS YEAR'S PARTY ONE TO REMEMBER. CALL MARY LAWS, NL7DM, OR DANIEL STEVENS, KL7WM, TO VOLUNTEER. A GOOD PARTY TAKES ALOT OF WORK, BUT IT'S WORTH IT. WILSE, KL7CQ AND BETTY, KL7AP, HAVE BEEN BUSY WITH OTHER HOBBIES, SO WE NEED SEVERAL OTHER TO TAKE OVER WHERE THEY QUIT. JUMP IN AND HELP.

WE HAVE FOUND A DX CHAIRMAN, HE IS NL7CT, ADAM TAYLOR. PLEASE HELP ADAM OUT IF YOU CAN. THIS IS A NEW POSITION AND I THINK ADAM WILL DO A FINE JOB.

OUR NEW HOSPITALITY CHAIRWOMAN IS PAT CHADDOCK, WB7TW. SHE JUST MOVED UP TO ANCHORAGE WITH HER HUSBAND FROM WASHINGTON. SHE WILL BE TAKING THE POSITION AT THE END OF NOVEMBER.

AARC PRESIDENT

*Daniel Stevens* KL7WM  
73's

DANIEL STEVENS, KL7WM

P.S. During the set, KL7YF and AL7CJ helped at the Red Cross; AL7CN, KL7JIM, KL7VL, KL7QS, AL7FJ helped at the emergency operating center.



## Alaska DXer

Hello, I would like to introduce myself as the new DX Chairman. My primary job is to report on DX; not only on HF, but anywhere DX can be found, to help you, the hardcore DXer or occasional chaser, in your searchings. I will also keep you up to date on contests and provide as many tips and bits of info as possible, as I have many good sources.

Winter is rolling around, as is contest season...the DX will be in, too. Even the VHF/UHF bands should start producing more. You budding DXer's and new hams might get your feet wet by being an operator at KL7CQ, which is primarily aimed at giving the new ham contest and operating experience. You might even try it on your own!

### DX FOR OCTOBER

BY1PK, Peking, China has been on SSB on 20 meters with Tom Wong, VE7BC, at the mike in the evening working various nets...HI8LC on 20 meter CW around 0000 UTC...Africa has been reported on 80 meters, as well as CE0AA/X on San Felix Is.; they should be on until the end of November...Costa Rica has been worked on 80 meters SSB...LZ1YE on 20 meters SSB...GI4GPC on 20 meters SSB... On the novice bands, K8CRM/KH3, Johnston Island, was on 7100 KHz.

### CONTEST CORNER

October 27 & 28 is the CQ WW SSB contest, and November 24 & 25 is the CQ WW CW contest. I will be active at NL7CT, with Mike, KL7HFA, and Norm Kayton, WL7???. Hope to hear you this year.

I hope to provide a decent report each month, but I need your help. If anyone has heard, or worked any rare countries, or if you have any information, please let me know. That's about it for now, there will be plenty to report on in the winter months ahead, and remember, Alaskan hams have a reputation for being good operators...let's keep it up.

LATE FLASH!! BV0W was heard working pile-ups on 7000 KHz at 1446 UTC-10/7 on CW...you might want to give it a try.

73 es GUD DX

ADAM-NL7CT  
AARC DX CHAIRMAN

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# WEco

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Tim Pettis, KL7WE 276-1977  
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## Bits and Pieces

Hello all. A while ago I had an interview with KL7CQ and KL7AP. Today you get to luck out because now you get to read a little about Betty. You know how it is. I had to save the best for last.

Russ: Betty, We'll start by asking you where you were born?

Betty: Texas. I moved up here in 1974 - March 15 will be 10 years.

Russ: Almost an oldtimer?

Betty: Well, not as long as Wilse and quite a few other people I keep running into. It's a nice place to live.

Russ: What got you involved with Amateur Radio?

Betty: Once long ago, I was going to sail around the world and the best communications for blue water sailing is Amateur Radio. I heard about a class the club was teaching over at East High back in 77 so I signed up for the class. Wilse was the teacher for the theory part that I was in. That was the last class the ham club actually put on. There were 60 people starting out and 25-30 finished it, but I dropped out. Then I finally got back into it the first part of 78. After waiting for almost 15 weeks to complete my paperwork, I got my call. I took my test in March and got my call in July. It was the first week they changed to the new callsign system. From the 2x3 calls to the 2x2's for the Techs. I passed the Tech then went back a few weeks later and passed the General. That was one of the reasons for the delay in getting the paperwork straight.

Russ: You just recently graduated from college, didn't you?

Betty: Yes, it was part of the same project. See, I wound up with my teacher, Wilse, and he decided I was going back to school, and I said, "all right sir".

Russ: Did I hear you say Yes Sir? Do you Always say Yes Sir to Wilse?

Betty: No. It's not that kind of a relationship. I'm very stubborn and obstinate actually, but that seemed to fit into the plans and I didn't know what I wanted to do, so I started out at ACC with the Electronics Technology Program. I got my first class FCC License with Shipboard Radar Endorsement, then I picked up the rest of the classes to get the Associates Degree. Then I transferred across the street from ACC to UAA and I graduated this summer with a Bachelor's Degree which is a major in business management and a minor in electronics.

Russ: I'd say that's a pretty good accomplishment. It's not too often women get that highly involved with electronics.

Betty: Well, the electronics part was fascinating. I really ate that up. It was easy for me and I just fell into it. I was raised with 3 brothers and my dad had a machine company. I always had non traditional type experiences. I hated working as secretary accountant. Being cooped up in an office. I did not want to go into that.



Russ: You're not the traditional lady?

Betty: No. I don't think so, but with electronics and Amateur Radio its been interesting. I've gotten into quite a few different facets of it. I'm setting with 93 countries confirmed and I still need 7 more before I send in for my DXCC and Wilse says he won't send in for his until I send in for mine. That's supposed to be a little more incentive and guilt there for me to hurry up and finish mine.

Russ: Is it working?

Betty: No. (laugh) Well, I'll eventually get them. I have worked over 100 countries. Some of them just don't QSL. I'll eventually get it. Then we got into tower climbing. That actually started, oh, a couple of a years ago with April and Tanya. We had a group called P.A.R.K.A. (Polar Amateur Radio Klub of Alaska). An all YL group, we called it P.A.T.K.O. (Parka Antenna Tower Climbing) and we put up a tower for KL7PU and a couple more here and there. The the group actually disbanded. Wilse keeps after me and I enjoy it. I used to be deathly afraid of heights. He kicked me off Flattop Mt. once and the slide down got me over the fear of heights. I can see how people can get hooked on tower climbing and flagpole sitting. The view from top of the towers is fantastic.

Russ: I can imagine.

Betty: The tower project we did this summer, was changing out the antenna we put up with the hot air balloon. I wasn't intending to be up there with it and Wilse told me the day before that "oh, yes, you're going to be up there on top with us". I said, "augh humph....yes, OK" and that's how it came about.

Russ: He typically volunteers you for things like that?

Betty: Yes, yes very typically, but that's alright. I enjoy being his chief "gofer". I am working, which cuts into gofer-ing quite a bit. We still get a lot done and I layed out of C.A.P. last year trying to finish up the last crunch at school, but I'm back to my old position that I've had since 78 - Administration Officer in Communications.

Russ: Do you like working now?

Betty: Oh, yes. It's a challenge and it's something I've never done before; in sales, designing and two way radio systems and it's going well. I'm still in the training stage. (Motorola Communications).

Russ: Do you see yourself staying with this until retirement?

Betty: I'll stick with it for awhile. (smile) How much of this goes into print? Wilse retires in about 5 years and we have 40 acres in eastern Washington where we will be retiring. We'll have plenty of time for putting up antennas and towers, raising peach trees, puppy dogs and a couple of horses. It's 90 north of Spokane so I don't know until we get down there and see what turns up. They are building an electronics plant close by. We'll have to wait and see.



Russ: Do you see yourself going back to school?

Betty: He says I am. I'm in the process of going thru an ECI course thru Gunner A.F.B. for Officer's Management School. I think I have enough time in grade that I still have to go thru some of the requirements for promotion to Major. I hold a Captain's rank right now in C. A. P.

Russ: C.A.P. is pretty much a part of both your lives.

Betty: Yes, it is. I got started in 78 when Wilse said it sure would be nice if I would come up and do some typing and help him out a little at C.A.P. I said okay and that was 6 years ago. It was enjoyable. The only thing that I don't get involved with is the actual flying part. I ask them please take my name off the list as an observer. I don't fly very well. I told them I'd be happy to run the radios on the ground.

Russ: Do you have a fear of heights?

Betty: No, it's more of an inner ear type of problem. Mind over matter.

Russ: Aren't you supposed to eat a lot of garlic before flying? (smile)  
(I had monitored a conversation she had on 2 meters and was making fun.)

Betty: I've heard that. (smile)

Russ: What kind of new goals have you set for yourself?

Betty: Well, since I'm just beginning my new position with Motorola, this is going to be my primary focus for quite a while. To develop that, we will be going to Dayton for the Dayton Ham Convention at the end of April and will be working in the Telrex Antenna booth selling antennas. One thing Wilse didn't mention, besides Amateur Radio, one of his great loves is fishing. It's something that he really introduced me to, the great Alaskan outdoors, float trips and fishing.

Russ: I remember a little skiing too.

Betty: Cross country skiing.

Russ: Are you going to be incorporating a lot of your Amateur Radio into your outdoor hobbies then?

Betty: The last 2 years on float trips, we've taken the Kenwood 120 that I usually run in the truck. We take that and a small generator and dipole and set up in the evenings when we get to a camp, if we're not too tired. We usually check into the Motley Group or Bush Net depending on which ones going on. This last summer we were out for 3 weeks and we took the HF with us, but the first week we were backpacking and we had the group split. Some stayed at the base camp and the rest of us hiked up into the mountains so we took our 220 hand helds with us. It really worked very nicely bouncing in and out and around the mountains up there. This was out in Western Alaska.

Russ: Are you going to get involved in computers with Wilse?



Betty: Yes. I've been very seriously looking into it. I had won the Osborn at the club raffle flea market before the last one, but it didn't have the supports and applications that I was really looking for. I went ahead and disposed of that. We're finding more and more things that we can actually use for computer applications. I have four semesters of micros in electronics school. That was mostly taking them apart and putting them back together. I've had a couple of program courses since then, but I'll still be starting from scratch.

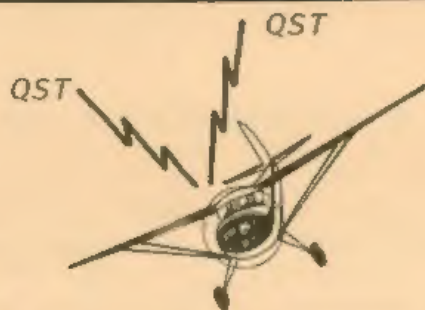
Russ: Apparently both of you are molding yourselves, learning new skills, promoting AmateurRadio thru public service and teaching other people. You're what I call good people.

Betty: Well, it's fun. It's like Wilse says, we don't set around watching TV. We watch it every now and then, but especially being up here, except for a little bit of roof down below, you can't see another house out across the inlet. We're kind of isolated up here. We have lots and lots of birds and dogs, it's quiet and we have projects galore. Wilse is always supportive. He pulls me up and kicks me along (ha ha). It's something we both enjoy doing. The next project coming up will be Fur Rondy Races. Wilse will be handling the Start-Finish line with the board down town and I'll be out on a check point. We have a couple of kids one of which I gave his Novice test last year and he's upgraded to Tech. The other, Charlene, just passed her Novice test about 3 weeks ago. She's about 12, Ben's 13. I'll have the kids with me out on the checkpoint. They will actually be running the radios. We get into it with all ages. Keeps you young. Keeps you healthy.

Russ: Most definitely! And thank you Betty for the interview.

God Bless,

Russ KL7EM



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# Letters to the Editor

Dear Jay,

I just read AL7DL's comments on autopatch use in the September newsletter. He caused me to pull out my copy of Part 97 and reread it specifically for the section forbidding avoiding toll calls using an autopatch. Perhaps I missed? What section, specifically, does he refer to?

By the way, I don't really disagree with Bryce in principle. We should avoid getting the commercial services upset at us and go out of our way not to take away their business. I do disagree with Bryce's suggested method to solve the problem. Passing the traffic to an Anchorage ham to phone in locally simply uses a different facet of ham radio to avoid toll charges. If the message was important enough to warrant toll charges at any point, it should probably have gone via the phone company from origin to destination anyway, rather than via amateur radio.

In the past, I have read many interpretations of Part 97. They usually say third party traffic must be limited to emergencies or be of such inconsequential nature that the available commercial services would not be used to handle it even if ham radio were not available. It is handling only this traffic that will keep us from taking business from the commercials. Assuming the ham in Bryce's article is handling this very unimportant traffic only, why would he make a toll call to deliver it? Obviously, the originator would not make a toll call to deliver it...because, if he would...the traffic was too important for ham radio and we are again competing with the commercial services.

Bryce thought the case was closed...I think I just opened it again.

73s...  
Stan-W7NI  
18955 S.W. Blanton  
Aloha, OR 97007

RAFFLEALERTRAFFLEALERTRAFFLEALERTRAFFLEALERTRAFFLEALERTRAFFLE

Just in case you can't read the above, it says RAFFLE ALERT. See how easy it is? The next club raffle is upon us. The drawing will be held sometime during Fur Rendezvous. First prize is a trip for two to Hawaii...second prize is an IBM PCjr computer...third prize is \$1000 cash...plus other prizes. If you would like more information, see somebody who knows (I just work here!).

## LOST!!!

A SPEAKER CABINET GOT LOST AT THE END OF THE FLEA MARKET. IT MUST HAVE INADVERTANTLY GOT INTO SOMEBODY'S VEHICLE AND HID UNDER A BLANKET. IF YOU FIND THIS STOWAWAY, PLEASE CALL HIS FATHER, KEN GREENE-KL7JAI AT 243-2576. THE SPEAKER CABINET IS ABOUT 3 FOOT SQUARE, AND ABOUT 1 FOOT DEEP. IT IS A NATURAL WOOD COLOR, AND IT NEEDS MEDICATION. PLEASE CALL IF YOU HAVE ANY INFORMATION.



## " A Candid Comment "

As a member of the AARC, I frequently hear the plea for help to participate in various worthy causes, both civic and Amateur Radio related. We are reminded that "Our Flea Market was less profitable than expected" - "The Banquet was illy attended", "All the work is done by only a few" etc. etc.

These conditions surprise me not at all. In fact it is to the everlasting credit of those "worker bees", ( no pun intended), that the end result is as good as it is; however, lets look at the facts:

1 - Amateur Radio is a non-profit operation. No possible hope for profit for time and money expended can be expected, except by the Manufacturers and vendors of the equipment we consume; however, this does not exclude compensation for actual time and materials expended. A good example is the minimal compensation of VEC's for their examination costs.

2 - Amateur Radio is an expensive hobby. Many of us, particularly, as we grow older, and less able to earn, find participation in our chosen hobby greatly curtailed because of this fact, not to mention the physical inability to climb towers, drive at night, participate for long hours continuously etc. just to mention a few such limitations.

3 - Any reasonable, responsible person has a first responsibility to care for his immediate family and loved ones. Some of us have heavy time and financial commitments to our family, these are individual responsibilities that certainly no other agency or group will or should shoulder. If there is time and money "left over" then it should divide fairly among the family members - if this allows a new "gadget" for the Ham Shack great, if not, too bad, the old gear will have to do. If this concept is not fairly shared can you honestly say, when you sit down before that new piece of gear that you do not see instead, the braces your childs teeth may need, or the new coat the XYL has done without so patiently because she loved you and knew Amateur Radio meant so much to you??

The message I am trying to get across is this; We, as a club or as individuals, cannot be everything to everyone. Despite the fact that we have a large and diverse membership it is impossible to carry out the number of projects undertaken or advocated to be undertaken by the club. It would be far better to undertake a very few selected projects, determined by poll of the members, each year and then really try to do an outstanding job on these projects.

No, I haven't forgotten the contribution by those who maintain and install the Club equipment, such as the 34/95, 90/30



repeaters etc. that many of us use. Those dedicated Engineers and Technicians deserve better than they are receiving. At the very least they should be compensated for their time and expenses by a pro-rata assesment of all calls using these facilities. This should be in the form of a statement, issued by the Club, to the users of such facility, perhaps quarterly, pro-rating the costs of labor and materials. After a period of time the costs and assesments could be "standardized" annually so that potential users would know the probable cost prior to deciding whether or not to use the "service".

The fact that most of us have a limited physical, time and financial capability to carry out these projects should be better understood by those proposing an operation by our Club. If you wish to use a facility or undertake some project you help pay, either by labor or in dollars. Solicitation of the general public for schemes to raise funds for these projects should be kept to an absolute minimum. If the cost is greater than the benefit you expect to receive, then you don't include that service in your operation. That is the "democratic" way.

The "Bottom Line" is this, in my opinion. We must operate more like a conventional business. Pay for what we get and be paid for what we do. If there is insufficient funding or support for a project then it should be deleted from consideration. AARC should not be a "Charitable Institution". Let each and every one of us first and always be self-supporting and then, if any energy and money is remaining, consider some of the "ego trips" we have been undertaking in the past.

73's Harold - KL7PG

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COMING SOON----LPK COMPUTERS

#### STOLEN!!!

A KENWOOD TR-7950 2M FM MOBILE RADIO WAS STOLEN ON 10/18 FROM DANIEL STEVENS-KL7WM. IT WAS TAKEN FROM HIS TRUCK IN THE WEE HOURS OF THE NIGHT. IF YOU SEE ONE FOR SALE, MAYBE GIVE DANIEL A CALL AND WE'LL GO OVER AND BEAT THE GUY INTO HAMBURGER. ASSUMING, OF COURSE, IT'S THE RADIO WE'RE LOOKING FOR. DANIEL'S NUMBER IS 274-3051.



**ANCHORAGE AMATEUR RADIO CLUB  
BOARD MEETING  
September 19, 1984**

Present: President Daniel Stevens KL7WM; Vice President Lorraine Conary KL7IAF; Activities Manager NL7DM; Treasurer Fred Wegmer KL7HFM; Trustee Bill Reiter KL7IT1; Board Members Jay Jennings KL7JGU; Martha Neeley KL7QS; J.D. Delancy K1ZAT; Jean Belfield KL7VT; Jim Larsen AL7FS; John Williams AL7CT; Mel Warner WL7J; Ed Tucker KL7DU and Fenton Rexford NL7BE. Absent: Past President Wilse Morgan KL7CQ and Secretary Lance Dunbar AL7BK. Also present: Steve Wilcox KL7JIM; Bob McKinnie AL7AW, April Delancy AL7CV and David Stevens KL7EB.

The meeting was called to order in the Community Room at Northway Mall by President Daniel Stevens KL7WM at 7:15 PM. The minutes of the previous Board and General meetings were read by Activities Manager Mary Laws and accepted.

The treasurer's report was circulated and discussed. Treasurer Fred Wegmer KL7HFM reported that, due to slow raffle ticket sales, it was necessary to cash in an AHFC bond and borrow money from the door prize account and \$900 from Bob McKinney AL7AW to cover the check written for the Flea Market raffle prizes. Fred announced that the net profit from the Flea Market was \$2,711.64. The following is a breakdown of Flea Market income:

Entrance fees	\$ 772.42
(Approx. 750 paying customers)	
Food booth	240.00
Club Store	1100.00
Booths	405.00
Banquet	26.00
Pull Tabs	234.00
Flea Market Gross Income	\$6405.86
Raffle Ticket Gross	\$6150.00

Fred also reported that he paid \$300 to the Postmaster for the Club's postage account, and that the Club had received \$550 from Anchorage Fur Rendezvous, Inc. for the use of the Club's gambling license. Jim Larsen AL7FS reported that, according to Fur Rondy officials, the AARC is the only organization which receives any of the proceeds from the use by Fur Rondy of its license. According to the agreement, the AARC is to receive \$50 each time the license is used.

Activities Manager Mary Laws NL7DM reported on her door prize purchases for the club meetings, announced that the program for the October general meeting would be a talk about the QSL Bureau by John Bierman KL7GNP, and the October social

event would be the annual Iditarod kick-off party. Mary also stated that she thought that organizing monthly social events was a waste of time when so few people show up for them. The Christmas Party and December general meeting will be held on November 30 at Viking Hall.

Fred Wegner KL7HFM stated that the Club needed to make an additional \$700 - \$800 in donations this year in order to meet the State's requirements. Several suggestions were made and briefly discussed.

VHF Report - A letter from Doug Dickinson KL7IKX was read by Bill Reiter KL7ITI. Doug reported the following:

1. The digital voice recorder was available for the 34/94 machine at a cost of \$700. Also, the Version III software is available, which includes the reverse patch and additional phone line capability. Is the club going to purchase these items?

2. The "Dit-Dit" controller has died again. Should we send it back to the manufacturer for repair again?

3. Since the Board decided to leave the 22/82 repeater on Turnagain arm, the club will need to purchase a complete repeater package for the Minchumina Link.

4. The DTMF controller has been ordered for the 90/30 machine.

5. Russ Scott KL7EM is still working on the repeater which was promised to Soldotna (KL7JDR) two years ago. Russ would like some help with it. Martha Neeley KL7QS reported that Russ has invested about \$200 of his own money in the machine.

After discussion, it was moved and seconded to purchase the digital voice recorder and Version III software for the 34/94 repeater. The motion carried unanimously.

It was decided not to send the "Dit-Dit" controller back to the factory for repair.

It was recommended that Doug check with Del Wolfington KL7EKB about moving the 16/76 repeater down to Turnagain Arm to replace the 22/82 repeater, which would be used for the Minchumina downlink.

Bob McKinnie AL7AW reported that 1103 Flea Market raffle tickets were sold, with 397 tickets unsold.

It was reported from the Alaska VEC that people were passing all levels of amateur exams.

The Club needs someone to take over as hospitality chairperson on a permanent basis. Martha KL7QS has agreed to handle this on a temporary basis.

Membership Chairman J.D. Delancy reported that there were 443 club members, of which 292 were ARRL members (66%), and 129 were AARC Life Members with 10 more paying on Life Memberships. Bill KL7ITI reported that it had been suggested that the Club



consider instituting a Life Membership for senior citizens at a reduced rate. After discussion, it was decided to table this issue.

After discussion, it was decided not to have a Christmas Raffle, but to have a raffle in conjunction with Fur Rendezvous.

A standing committee to set up and oversee raffles was formed. The committee members are Fred Wegmer KL7HFM, Jim Larsen AL7FS and Bill Reiter KL7ITI.

There being no further business, the meeting was adjourned.

Respectfully submitted,

Lance Dunbar AL7BK  
as recorded by  
Daniel Stevens KL7WM



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ANCHORAGE AMATEUR RADIO CLUB  
GENERAL MEETING  
October 5, 1984

The meeting was called to order at 7:15 PM in Room 215 of the UAA Consortium Library building, followed by introductions and general announcements.

Ken Delp KL7FD announced that Frank Bowlin WL7D is now associated with the Iditarod organization and is in charge of communications and computers, a position which Ken has held for several years. Ken asked that the club give Frank as much support as it had given him in the past.

It was announced that the Iditarod kick-off party would be held Saturday, October 20, at the QTH of Mike and Deanna Barbarick.

It was reported that the Simulated Emergency Test (SET) conducted by the Municipality and State went quite well, with a good turnout by the Amateur Community.

Daniel reported that he had attended the recent meeting of Alaska Volunteers Active in Disaster (AVAD). The group is made up of representatives from volunteer organizations and meets once each quarter to coordinate activities and prevent overlapping of services.

Activities Manager, Mary Laws NL7DM, announced that the social for this month would be the Iditarod kick-off party. Mary also expressed her concern for the lack of interest shown by club members for the monthly socials, and felt that she was wasting her time in planning them.

Tim Pettis KL7WE thanked those who participated in the Arts Fair.

Jim Larsen AL7FS reported that the club had received 8 sets of books about amateur radio from the ARRL. The books will be placed in the Anchorage Public Libraries.

VEC Chairman Roger Hansen KL7HFQ announced that examinations will be held the last Thursday of each month (except December) at Gladys Wood Elementary School. Roger also noted that the old 610 forms were no longer valid and that he has the new forms. A copy of your current license is required when applying to take an upgrade exam.

Jay Jennings KL7JGU reported that the Flea Market was over, and gave a short wrapup. Treasurer Fred Wegner KL7HFM stated



that, by previous Flea Market standards, this year's was a 'flop'. Fred blamed the club members for not stepping forward and taking the responsibility to see that the Flea Market was a success. Daniel stated that it was absolutely necessary for club members to step forward and offer their services for all of the club activities.

VHF Chairman Doug Dickinson KL7IKX reported that the 90/30 machine was working properly again. There may be a small problem with the 34/94 machine. It may be necessary to move the UHF antenna up to the top of the KYAK tower, since KYAK wants to use the UHF antenna's present location on the tower. Since the 22/82 machine will remain at Hope, help is needed to build up a repeater for the Minchumina downlink.

Adam Taylor NL7CT has volunteered to be the club DX Chairman, and will write an article on DX happenings for the newsletter each month.

Bob McKinnie AL7AW is planning another bunny hunt. He explained what a bunny hunt was and how it works. The hunt will be held on October 28. Hunters will meet at 1:00 PM in the north parking lot at East High.

Betty Rhodes KL7AP announced that Wilse Morgan KL7CQ had received a plaque commemorating his 14 years as a participant in the Walk for Hope, in which Wilse has collected over \$40,000 in pledges. The plaque was put on display for all to see during the break.

The program for the evening was presented by QSL Bureau 'Chief' John Bierman KL7GNP. John explained what the Bureau was and how it operated and invited all those who desired to drop in for a visit and see the Bureau in action.

ARRL Section Manager David Stevens KL7EB announced that elections for Northwest Regional Director and Vice Director were being held, and urged every ARRL member to vote.

It was announced that the Christmas Party/December general meeting would be held at Viking Hall on November 30 (December 0).

Following the drawing for door prizes, the meeting was adjourned at 9:32 PM.

Attendance - 65

Respectfully submitted,

Lance Dunbar AL7BK  
Secretary



## A YL's Point of View

Where is the snow? I think it is all in Denver. That's okay, so long as it doesn't get too cold here! I was really glad to get my 2 meter antenna fired up, but the coax caught cold, or something out there, and I had to take it down and give it a royal checkup. So I guess it will be awhile before I have two meters from Palmer again.

There will be a Bunny Hunt on October 28th (it might be over by the time this newsletter gets out.) It starts from East High School at 1:00p.m. Bob, AL7AW will be the bunny. I, KL7VL, will be trying out a direction finder. Should be interesting and a lot of fun besides learning something new. So, come on ladies, lets get that elusive bunny. We can't let some little rabbit outfox us. If we get enough foxy ladies out there though, we might be able to track down the little furball.

No upgrades this time. But don't let that bit of news dampen your spirit. Keep on listening to those tapes, or the radio, and practice that code! It's too easy to let your speed drop.

The November PARKA meeting will be November 30, at 1:00 p.m. and will be held, tentatively at Lil's, KL7DL's, home. Lone, KL7PA will give a short talk on the history of Amateur Radio in Alaska and elections will be held for 1985. The December meeting will be at the Christmas Party which will be on November 30th at Viking Hall from 6:00p.m. to 12:00a.m.

We are looking for people to cook the turkeys for the Christmas Party. The club will provide the turkeys. We need people (meaning you and you and you!) to bring all the extras:

Novices & Extras:	Butter, Rolls, Pickles, Olives, Chips and Dip
Technicians:	Salads
Generals:	Hot Dishes and Casseroles
Advanced:	Desserts
No License:	Salad, Hot Dish, or Dessert

If you need any further information or feel a burning desire to offer your services, don't hesitate to call Mary Laws, NL7DM. It's a tough job to organize something and have it turn out organized! She needs all the help she can get. See you there!

73's! . . . Sharon KL7VL

P.S. There will be no social event in November due to Thanksgiving & and Christmas Party coming so soon after.

# HAMMING IT UP IN THE KITCHEN

.... with NL7DF

Here are a few THANKSGIVING recipes for you....They have been used many times in our family. I think you'll enjoy adding them to your favorites!

## CREAMED SWEET POTATOES

Take 3 med to large size sweet potatoes. Peel, and boil tender. Mash well with:

- 1 cup sugar
- 1 stick butter
- 1 t. vanilla
- 1 pinch nutmeg

Pour into baking dish, top with marshmallows & brown in oven.



## KING'S ARMS CREAMED CELERY

- 1 Bunch of Celery
- Cream Sauce
- Chopped Pecans
- Buttered Bread Crumbs



Separate, and clean celery. Cut into bite size pcs. Cook in boiling water with bit of salt til tender. Drain. Make Cream Sauce. Place drained celery in greased casserole pouring sauce over. Cover with chopped pecans and buttered bread crumbs. Bake 350 til bubbly & browned.

Cream Sauce: (use canned medium white sauce, OR;) Melt 2 T butter Stir in 2 T. flour, 1 cup warm milk, salt pepper & paprika to taste. Stir constantly til thick.

## BANANA BLUEBERRY CREAM CHEESE PIE

- Mix together 8 oz pkg. cream cheese
- 1 cup sugar
- Fold in 2 cups Cool Whip

Slice 3 bananas into two baked pie shells. (use graham cracker shells if you prefer)

Add filling. Spread Blueberry pie filling on top. Chill a couple hrs.

## BLUE CHEESE SALAD DRESSING

(you may never buy bottled again!)

- 4 oz blue cheese
- 2 oz buttermilk
- 2 pinches garlic powder
- 3 drops of hot sauce
- 4 drops Worcestershire sauce
- 2 cups mayonnaise
- 1 pint sour cream

Blend 1/2 of the cheese & next 4 ingredients. Then add mayo & sour cream & blend again. Stir in remaining blue cheese.

**KEEP**



## HOLIDAY CRANBERRY RELISH

4 oranges, 2# cranberries, 4 unpeeled cored apples, 4 C. Sugar  
Peel yellow rind from oranges; trim off & discard white part. Put orange pulp, rind, cranberries and apples thru food grinder. Add sugar. Mix well. Cover and refrigerate. Also good with some crushed pineapple and maybe some chopped nuts added if you like.



FROM: THE VHF COMMITTEE  
TO: ALL 39/94 USERS  
SUBJECT: REPEATER CODES

The following is a list of the codes that you as users should be aware of. If you have any questions in the operation, or proper procedures, please contact a control operator.

- 910 - DIALS THE LOCAL OPERATOR
- 911 - DIALS 911 EMERGENCY (no fender benders please')
- 912 - DIALS ANCHORAGE POLICE
- 913 - DIALS ALASKA TROOPERS
- 914 - DIALS AIR FORCE SECURITY POLICE
- 915 - DIALS ARMY SECURITY POLICE
- 916 - DIALS ENSTAR GAS COMPANY
- 917 - DIALS FLIGHT SERVICE
- 918 - DIALS TRAFFIC LIGHT DEPARTMENT
- 919 - DIALS THE AARC ANSWERING MACHINE

In all cases the disconnect for any phone patch operation is #.

The "emergency" autodials are limited to 10 minutes. (control operators can extend this on an as needed basis.)

AUTOPATCH - Dial \* plus the entire 7 digit number. The repeater will respond with "AP". You have the option at this time to key your transmitter for a count of one thousand and one. (i.e. a short keydown). This will force the controller to dial the number. If you wait after the "AP" the controller will then readback the number that you dialed. Immediately after the readback you must key and release your PTT, or the controller will drop the patch.

A couple of points about the autopatch and autodials are in order here.

There are two timers you need to keep in the back of your mind. The first is the non-use (or continuous use). This timer is set to 45 seconds. If you don't talk at least once every 45 seconds of a patch, the controller will beep at you, and 5 seconds later disconnect the patch. (this feature prevents a dead battery or driving out of range from holding up the patch. At the same time if you talk continuously for 40 seconds without letup on the PTT, the repeater will beep, of course if you're talking, you won't hear this but the party on the phone will. 5 seconds after this, it will dump the patch. This feature is to prevent someone from accidentally holding up the patch for the full five minutes.

At four minutes and 30 seconds in Autopatch/Regular Autodial calls, the repeater will give you or your party a warning tone. 30 seconds later, it will disconnect the patch if you don't.

The second timer hasn't caused any problems to my knowledge. This timer is set to 5 seconds, this is the interdigit timer. This means while dialing a number no more than 5 seconds between numbers.

Once again, the standard Autodial and Autopatch is set for 5 minutes.(cont.)

- \*XX - Where XX is the Autodial Number (10-99).
- \*\*4 - Entered before the disconnect (#) will save the number for redial.
- \*\* - Redials the last number, this assumes that no one else uses the patch in the meantime.

#### MAILBOX'S:

These are locations you can leave messages for other operators. To check the mailbox to see if the traffic is for you.  
3 - will readback messages or "empty".

To leave a message:

3 XX YY Z.1234  
XX = to (mailbox number)  
YY = From (your mailbox number)  
Z = Message number  
1234 The command to end the entry.

#### MESSAGES ARE:

- |                      |                             |
|----------------------|-----------------------------|
| 0 - PHONE HOME       | 1 - CALL ME TONIGHT         |
| 2 - CALL ME ON 90/30 | 3 - CALL ME ON 220          |
| 4 - CALL ME ON RTTY  | 5 - CALL ME ON UHF          |
| 6 - CALL ME ON ATV   | 7 - I HOLD MESSAGES FOR YOU |

For example, to leave K1ZAT the message to call home from AL7CV, you would enter:

3-64-14-0-1234. The machine will respond with "K1ZAT from AL7CV phone home" time entered "hour and minute", "today" or "yesterday".

To retrieve your messages:

3 XX (your mailbox number) 1234.

To cancel the message:

3 XX (your box number) 1234567890.

#### OTHER CODES OF INTEREST ARE;

80 - TIME OF DAY (as with all of the functions please ID when you request this.)

65 - Starts the WELCOME TO ANCHORAGE tape. # cancels the tape, the tape will automatically cancel 5 seconds after it ends, but it could be cancelled early if emergency traffic needs the frequency.

USER READBACK; THESE ARE FUNCTIONS THAT WILL TELL YOU THE TIME, TEMPERATURE WIND SPEED, DIRECTION, BAROMETRIC PRESSURE, SIGNAL STRENGTH, QUIETING, FREQUENCY OF YOUR TRANSMITTER (as seen by the 34 receiver) and several SITE PARAMETERS, SUCH AS INSIDE TEMPERATURE, VOLTAGES AND POWER OUT OF THE TRANSMITTER.

Some of these functions are in use now. . others will come into use when version 3 software is installed (December). If you get a strange response it



probably means that the function is not ready for use.

- 80 - TIME OF DAY
- 81 - SIGNAL STRENGTH
- 82 - FREQUENCY ERROR
- 83 - QUIETING
- 84 - OUTSIDE TEMPERATURE
- 86 - WIND DIRECTION
- 810 - BATTERY CHARGE CURRENT
- 811 - 5 VOLT REGULATED SUPPLY
- 812 - FORWARD POWER
- 813 - 13 VOLT CHARGER LINE
- 814 - REVERSE POWER
- 815 - INTERNAL CONTROLLER TEMPERATURE
- 816 - INTERNAL 13 VOLT REGULATED LINE

Which brings us to the last user code. From time to time we all wonder if the DTMF Tone Pad is working right. This controller will test all the tones in both the standard 12 button pad and the expanded 16 button pad. To start a pad test, first of course ID, then enter the digit 5, followed by any or all the numbers you wish to test. When you release your PTT, the machine will read back over the air, all the numbers that it has successfully decoded. S = \* and P = #.

A couple of final comments. The normal timer on the repeater is set to 3 minutes,..with the exception of morning and evening drive times when the timer drops to 90 seconds.

If you try to dial a number outside the local calling areas (long distance) the repeater will beep at you when you unkey. All the local prefixes (40) are in the computer memory. I can add up to 160 more, so we can probably keep ahead of the phone company. You cannot dial a 3 digit number, with the exception of autodial numbers i.e.: Emergency, or 411 (Autodial #41)

If a voice ID comes on in the middle of your QSO you may key up and keep talking it will automatically switch to CW. Occasionally you will hear the "automatic control operator changeover" message. The machine waits until you unkey your PTT, of course if the next person doesn't wait for the courtesy tone you could get stepped on. If someone calls up a voice ID, (usually a control operator function) this will mix with audio from your transmitter. A little common courtesy will prevent hurt feelings.

If you are one of the growing number listening to the repeater on the UHF Link (446.5) you will not hear any voice announcements, and you will be locked out from access to the repeater during phone patch operations. You won't hear anything after the access code is dialed until the disconnect is sent.

There are many more functions available and as time permits and I get them wired in, I will release the information to you, the users of the Repeater.

73's . . . Doug - KL7IKX  
VHF CHAIRPERSON

10-17-1984 AT 16:40

## ALASKA REPEATER DIRECTORY

Page 1

LOCATION	INPUT	OUTPUT	CALL	SPONSOR	REMARKS
ADAK (A)	146.34	146.94	KH6KI/R	KH6KI	O
ANCHORAGE (BC)	146.10	146.70	KL7HD/R	KL7HD	O,Y
	146.16	146.76	KL7EK9/R	ANCHORAGE ARC	O
	146.34	146.94	KL7AA/R	ANCHORAGE ARC	O,A,L,R,Z
	146.37	146.97	KL7CC/R	KL7CC	C,PL,A
	147.67	147.07	AL7C/R	AL7C	C,EU
	147.75	147.15	KL7EF/R	KL7EF	O,P,E,EU
	147.78	147.18	AL7B/R	AL7B	O
	147.90	147.30	KL7IDN/R	PARKA ARC	O,E,A/R
	222.66	224.26	AL7C/R	AL7C	O
	223.34	224.94	KL7AA/R	ANCHORAGE ARC	O,E,L
	439.25	421.25	KL7HD/R	KL7HD	O,ATV
	449.10	444.10	AL7C/R	AL7FH	PL,(12)
	449.70	444.70	KL7AA/R	ANCHORAGE ARC	O
BYERS LAKE (BC)	146.22	146.82	KL7BW/R	KL7BW	O
DUNCAN CANAL (SE)	147.90	147.30	W6BJJ/R	S.A.R.A.	O
EAGLE RIVER (BC)	147.84	147.24	KL7FHF/R	KL7FHF & KL7SS	O
FAIRBANKS (C)	146.14	146.74	KL7B/R	ARCTIC ARC	O,A
	146.31	146.91	KOKJ/R	KOKJ	O,EU,P
	146.34	146.94	KL7IRT/R	KL7IRT, ARCTIC ARC	O
	449.10	444.10	KL7NQ/R	KL7NQ	O
GUSTAVUS (SE)	146.36	146.76	KL7HJ/R	S.A.R.A.	O
HAINED (SE)	146.34	146.94	KL7CQF/R	A.R.R.B.	O
HOMER (BC)	146.31	146.91	KL7JL/R	S. PENINSULA ARC	O
JUNEAU (SE)	146.22	146.82	KL7RH/R	JUNEAU ARC	O,A,L
	147.42	146.82	KL7RH/R	JUNEAU ARC	O,A,L
	147.90	147.30	KL7TV/R	JUNEAU ARC	O,L,A/R
KENAI/SOLDOTNA (BC)	146.28	146.88	KL7IEJ/R	MOOSEHORN ARC	O,A
	147.75	147.15	KL7FG/R	KL7FG	O
	448.60	443.60	KL7M/R	KL7M	O
KETCHIKAN (SE)	146.34	146.94	KL7GCH/R	KL7DTR	O,A
KNIK/BIG LAKE (BC)	146.25	146.85	KL7JFU/R	KATANUSKA ARC	O,A
KODIAK (A)	146.16	146.76	AN6B/R	AN6B	O
	146.28	146.88	KL7HIX/R	S.P.A.R.K.	O,A
LAKE MINCHUMINA (BC)	147.96	146.01	KL7IB/R	KL7IB	O,L
NOME (W)	147.67	147.07	AL7CE/R	AL7CE	O
NORTH POLE (C)	146.17	146.77	AL7AC/R	AL7AC	O,A,A/R
PALMER (BC)	146.04	146.64	KL7DOB/R	KL7DOB	O,A
PETERSBURG (SE)	146.36	146.96	KL7AKP/R	PETERSBURG ARC	O
SITKA (SE)	146.22	146.82	KL7FFR/R	SITKA ARC	O
	147.90	147.30	KL7BCU/R	A.R.R.B. & AL7CH	O
TURNAGAIN ARM (BC)	146.22	146.82	KL7EB/R	ANCHORAGE ARC	O
VALDEZ (BC)	146.34	146.94	KL7BB/R	KL7BB	O,A

LOCATION LEGEND		
A=Alutian Islands	E=Eastern Alaska	SE=Southeastern Alaska
C=Central Alaska	SC=South Central Alaska	W=Western Alaska
REMARKS LEGEND		
A=Autopatch	E=Emergency Power	P=Portable
A/R=ARES/RACES	EU=Emergency Use	PL=Private Line (Tone Access)
ATV=ATV Repeater	L=Link and/or Crossband	Y=RTTY/ASCII
C=Closed Private Repeater	O=Carrier-Operated	Z=Direct Link To Law Enforcement



# From the Desk of 'JGU

I'm sitting in the radio room madly typing away to finish this newsletter. Daniel just called me from his truck; he's on the way over and we're gonna take this to Clay's and get rid of it. But I need to stick my two cents worth in before it goes.

I received a couple letters to the editor this last month. They are printed here, and feel free to send in any comments, criticisms, or words of praise. This newsletter is not only for "established columnists". If you have something to say, say it!

Is anyone besides myself interested in having a column on computers in this rag? If there is enough support, I think we can find room for it. Also, if you would like to be the author of said column, give me a call. We need new stuff in this thing or it will stagnate. Speaking of stagnating, I have been editor of this thing for almost a full year. Is it a record, yet?

We do have a new feature starting this month; the Alaska DXer. It is being authored by Adam Taylor-NL7CT. Welcome aboard, Adam!

Yes, my tower is up!!! Okay, I know that at 40 feet, it is not really a macho tower (so I've been told), but it is a tower...and yes, there is a real beam antenna on the top of it. Big time, huh! The contraption had been lying in my backyard for a long time, and with my mom badgering me and the threat of snow in the air, I got the base put in and two sections up and bolted to the house. Then I was stuck. So I gave Daniel-KL7WM a call, he came over, and we put the rest of it up. Weee!!!!, it wasn't quite that easy. He couldn't make it over until after dark; he thought I had a gin pole, I thought he did; etc. So, ol' Daniel jumped up the tower, hauled one section up, put it on, climbed that one, pulled the top section up and lifted it into place (the rotor was already in that section) and bolted it down. He crawled down in the dark, we went in the house, and thus, the saga of the Midnight Tower Climber. Daniel came back the next day to put the beam into place and we were in business... almost. The highest class license in attendance was a Tech, and as we were all (gulp) a little rusty on the code (blame 2m), we gave Lil-NL7DL a call. She and Rick-KL7YF came over and Lil took to calling CQ on 20 meter phone. My rig almost had heart failure as he thought he would be stuck in the Novice bands his whole life. The rare DX we snagged was Hawaii, but the thing works. Now, all I have to do (double gulp) is upgrade to General to take advantage of the beam antenna. The next FCC exams are going to be given November 27, and yours truly should be there with bells on.

I'm not sure how much longer I will be doing this newsletter. There are a lot of things going on with my real job. I am basically getting a half-way free hand in doing some things on the air, including the debut of Captain Radio (thanks, Rick), on or about the first of November. If you have no idea of what I'm talking about, I am an announcer for a radio station. Anyway, all the new stuff is going to be taking up some time, and if I have to drop something, well, the DJ job pays the bills! We'll see what happens.

Til next month, either practice your code, or start up a new petition for a No-Code License. (Ah-hah! Got your heart started with that one!)

73s, Jay-KL7JGU

# VHF Report

LET ME START RIGHT OFF WITH A ROUND OF THANKS FOR THE HARD WORK DONE ON THE 90/30 MACHINE, BY AL ANDRUS KL7EF, AND JIM HILTON KL7IMD.

ON 3 OCTOBER WE TOOK A TRIP BY ROAD, ( READ THIS AS NO! SNOW ) TO THE MOUNTAIN WHERE 90/30 LIVES. THE FEEDLINE WAS CHANGED FROM RG 213/U TO 1/2" FOAM FLEX, MUCH LOWER LOSS, AND ABLE TO STANDUP TO THE WEATHER EXTREMES BETTER. AL FOUND THE ANTENNA INPUT CONNECTOR LOOSE, THIS MAY HAVE BEEN SOME OF THE NOISE PRESENT IN THE SYSTEM. THIS WAS TIGHTEND UP AND THE FOUR MOUNTING BOLTS HOLDING THE ANTENNA TO THE BUILDING WERE RETORQUED. AT THE SAME TIME THE NEW DTMF CONTROLLER WAS INSTALLED. POWER, VSWR, AND FREQUENCY WERE CHECKED. OTHER ANTENNA SYSTEMS ON THE BUILDING WERE CHECKED AND TIGHTEND AS NEEDED.

VIGOROUS SHAKING AND BANGING OF ALL THE ANTENNA'S COULD NOT DUPLICATE THE STATIC NOISE THAT HAS BEEN THE PROBLEM UP THERE. HOPEFULLY WE HAVE CURED THE PROBLEMS. I GOT SOME INTERESTING VIDEO TAPE OF THIS "ADVENTURE", AND HOPE TO AIR IT ON FAST SCAN ATV LATER THIS WINTER. (STAY TUNED)

EFFECTIVE RADIATED POWER FROM 90/30 IS IN THE ORDER OF 350 WATTS, VSWR IS 1.6/1 AND THE RECEIVER HAS A PRE-AMP ON IT BRINGING THE SENSITIVITY DOWN TO .15UV/ 12DB SINAD. ONE DRAWBACK TO A PRE-AMP, WE GET AN OCCASSIONAL HIT FROM INTERMOD, THAT MOUNTAIN IS LOADED WITH USERS, AND WATCHING THE SPECTRUM IS SCARY. I THINK THE EXTENDED RANGE WITH THE PRE-AMP IS A GOOD TRADE OFF FOR AN OCCASSIONAL NOISE BURST.

PARKA IS THE TRUSTEE OF THIS REPEATER, AND WE ARE LOOKING FOR A COUPLE OF CONTROL OPERATORS, TO OVERSEE THE LEGAL OPERATIONS. CONTROL OPERATORS WILL NEED A UHF (440-450) FM HANDHELD OR WHATEVER. ANYONE INTERESTED PLEASE LET PARKA KNOW. BETTY KL7AP IS THE TRUSTEE, AND WOULD APPRECIATE HEARING FROM INTERESTED CONTROL OPERATOR PEOPLE.

WORK SLOWLY CONTINUES ON THE MINCHUMNA LINK. CW ID BOARDS (KIT FORM) HAVE BEEN ORDERED. WHEN THE KITS ARRIVE I WILL BE CONTACTING THE "VOLINTEERS" FROM THE LAST CLUB MEETING TO BUILD THEM UP. THIS IS A SMALL PROJECT, BUT VITAL TO GETTING THE PROJECT MOVING ALONG.

ALONG THESE SAME LINES, WE ARE GOING TO HAVE TO EATHER BUY (HEAVEN FORBID) OR BUILD UP FROM CHASSIS IN THE CLUB LOCKER THE DOWNLINK SIDE OF THE LINK. THIS MEANS TAKE THE RECEIVER AND TRANSMITTER STRIPS, ADD CRYSTALS, STIR UNTIL DONE, ADD ONE INTERFACE, AND AN ID BOARD, TEST, AND COOK UNTIL DONE. WITH ALL THE OTHER PROJECTS AT WORK AND AT HOME, I'M OUT OF TIME. ANYONE OUT THERE WANT A PROJECT? ANYONE CARE IF WE GET THE LINK BACK UP? ANYONE WANT TO BE ABLE TO USE THEIR 100MW ( OR WHATEVER ) HANDHELD AND BE ABLE TO WORK FAIRBANKS, DAILY? IF SO SOMEONE ( OR ONES ) NEEDS TO CONTACT ME, I'LL MAKE ARRANGEMENTS TO GET THE EQUIPMENT OUT OF THE CLUB LOCKER, AND ASSIST YOU WHEN TIME PERMITS.

WE HAVE A SMALL PROBLEM ON THE 94 MACHINE. NO ITS NOT TECHNICAL IN NATURE. IT SEEMS THAT SOMEONE LIKE TO HEAR THE TIME ANNOUNCEMENT, BUT SAID PERSON EATHER DOESN'T HAVE A LICENSE OR IS TOO LAZY TO ID WHEN REQUESTING THE TIME. WE'VE MODIFIED THE PROGRAM SO THAT YOU DON'T GET THE TIME ANYMORE ON A TAIL MESSAGE. SO IF YOU ARE CURIOUS ABOUT WHAT TIME IT IS, DO LIKE ONE YL DOES, ID AND ASK (THEN PUNCH THE ACCESS FOR TIME). REMEMBER MORE THAN JUST "AMATEURS" LISTEN TO OUR FREQUENCIES, ILLEGIAL OPERATIONS CAN



CAUSE LOSS OF LICENSES, INCLUDING THE REPEATER LICENSE. AND THEN ALL THE USERS WILL SUFFER.

WHILE ON THIS SUBJECT, REMEMBER NO! BUSINESS CALLS, NOT TO TELL THEM YOU'LL BE LATE, NOT TO ORDER ANYTHING, NOT TO LISTEN TO A RECORDER WITH A "COMMERCIAL MESSAGE" BEFORE YOU LEAVE YOUR MESSAGE. REMEMBER YOU CONTROL THE AUTOPATCH, ALL YOU HAVE TO DO IS KEY YOUR TRANSMITTER, AND IT MUTES THE PHONE COMING OUT OF THE REPEATER.

RECENTLY A USER WANTED TO KNOW WHY THEY COULDN'T DIAL 844 (TIME AND TEMP). SEVERAL REASONS FOR THIS. FIRST AND FOREMOST, 844 HAS A COMMERCIAL MESSAGE BEFORE THE TIME AND TEMPATURE. SECOND THE AUTOPATCH WILL NOT ACCEPT 3 DIGIT NUMBERS, ( WITH THE EXCEPTION OF THE EMERGENCY NUMBERS), AND OF COURSE THE REPEATER DOES HAVE THE TIME, AND SOON THE TEMPATURE. AS TO HOW ACCURATE IS THE TIME. I CHECK THE CLOCK ONCE A WEEK, AND SET IT AGAINST WWV, NOW I WILL ADMIT THAT IT MAY BE OFF +/- 10 SECONDS, (THIS IS DUE TO THE WAY THE TIME IS INPUT TO THE COMPUTER), THIS IS SURELY CLOSER THAN THE DOZEN OR TWO DIFFERENT "BANK" TIMES AROUND TOWN.

RUSS KL7EM IS MOVING ALONG WITH THE 13/73 MACHINE FOR SOLDOTNA. HAS BEEN TESTING THE TRANSMITTER LATELY. AND HOPEFULLY THIS WILL BE READY TO GO IN THE NEAR FUTURE. BRUCE KL7JDR HAS EXPRESSED INTEREST IN A TIE BETWEEN THE 13/73 AND THE MINCHUMNA LINK IN ANCHORAGE. THIS WOULD ALLOW AMATEURS ON THE KENIA PENINSULA THE OPORTUNITY OF DIRECT ACCESS TO AND FROM FAIRBANKS, AND ANCHORAGE. (MORE ABOUT THIS LATER)

STILL HAVE A LARGE NUMBER OF USERS USING RUBBER "DUCKY" ANTENNA'S. AND STILL ALOT OF MARGINAL SIGNALS INTO THE REPEATERS, IF YOU DON'T WANT A "FULL SIZE" WHIP ON THE CAR, HOW ABOUT A MAG MOUNT WITH A BNC CONNECTOR, SO AT LEAST YOUR RUBBER"####[###" HAS A BETTER CHANCE OF IT. SURE WOULD MAKE PHONE PATCH'S AND GENERAL QSO'S EASIER, AND CUT DOWN SOME OF THE AGGRAVATION.

THE VOICE TAPE HAS BEEN UPDATED ON 94. IT LISTS REPEATERS IN SOUTHCENTRAL ALASKA BY THE CITIES THAT THEY SERVE, THE LIST IS RUN THROUGH TWICE, (FAIRLY SLOWLY) THIS SHOULD HELP THOSE PEOPLE VISITING THE AREA. REMEMBER THE ACCESS FOR THE TAPE ANNOUNCEMENT IS "65", WHEN ITS DONE PLEASE DIAL "#". THE MACHINE WILL AUTOMATICALLY CUT OFF THE AUDIO ABOUT FIVE SECONDS AFTER THE END OF THE MESSAGE, BUT DIALING "#", WILL CANCEL ANY NOISE AT THE END OF THE TAPE. ALSO DIALING "#" WILL CANCEL THE AUDIO AT ANY TIME SO IF AN EMERGENCY COMES UP, THE MACHINE CAN BE CLEARED. ALSO IF A VOICE ID COMES UP DURING THE TAPE ALL YOU HAVE TO DO IS KEY AND RELEASE, THIS WILL FORCE THE MACHINE TO RUN THE ID IN CW, VERSION 3 SOFTWARE ( DECEMBER ) SHOULD CLEAR UP THIS LITTLE PROBLEM.

JUST IN CASE YOU WONDER WHAT MACHINES THE VHF COMMITTEE IS RESPONSIBLE FOR, WE TAKE CARE OF THE FOLLOWING REPEATERS:

146.34/94  
146.22/147.96  
146.01/146.82  
147.90/30  
223.34/224.94  
446.3 SIMPLEX LINK  
449.7/444.7

AND ASSIST ON:

146.16/76

AND OF COURSE ALL THE CONTROL LINKS ASSOCIATED WITH THE VARIOUS MACHINES.



MAYBE THIS WILL MAKE IT EASIER TO UNDERSTAND WHY I ASK FOR  
HELP WITH THE PROJECTS, ANYONE OUT THERE CARE TO ADOPT ONE OR MORE  
REPEATERS ?

MY THANKS TO ED COLE AL7EB FOR TAKING OVER THE CARE AND FEEDING  
OF THE 146.22/82 MACHINE ON TURNAGAIN ARM. BEFORE THE END OF  
THE YEAR COMES, AND I FORGET TO MENTION OTHERS WHO ARE INVOLVED IN  
THE BEHIND THE SCENES WORK. THEY ARE:

NL7AY - SUE HILTON - MUCH OF THE SHEET METAL FABRICATION FOR  
VARIOUS REPEATERS COMES FROM SUE.

KL7EF - AL ANDRUS - FIRST RATE TECHNICAN 90/30. MINCHUMNA LINK.

KL7WM/EB - TOWER WORK IN ALL KINDS OF WEATHER.

KL7EM - RUSS - TIRELESS DEVOTION TO THE 146.13/73 MACHINE.

KL7JIM - STEVE - SNOWMACHINE PILOT EXTRODINARE. GOOD WITH THE PLOW  
TOO.

KL7IMD - JIM HILTON - SAFTEY MAN ON MANY A MOUNTAIN TRIP.

KL7HIU - BOB PAGE - 90/30 REBUILDER OF BURNED UP TRANSMITTER  
STRIPS.

I'VE PROBABLY SKIPPED A FEW, BUT THANKS TO YOU FOLKS THE  
REPEATERS ARE WORKING. AND STAY WORKING.

THAT ABOUT WRAPS IT UP FOR THIS MONTH.

73'S DOUG

KL7IKX

AARC VHF CHAIRMAN.

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